



TECHNICAL NOTE **No. 267**

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FOREST NURSERY PRODUCTION AND SHIPMENTS IN THE MARITIMES, 1991

In 1991, 70.5 million seedlings were shipped from Maritime forest nurseries - 42.6 million in New Brunswick, 25.4 million in Nova Scotia, and 2.6 million in Prince Edward Island. Although 20 species were produced, the major species were black spruce (54%), white spruce (12%), jack pine (12%), and Norway spruce (10%) (Tables 1, 2, and 3).

Container stock comprised 96% of the total nursery production in the Maritimes: 98% in New Brunswick; 93% in Nova Scotia; and 100% in Prince Edward Island. There were 19 forest nurseries in the Maritimes: New Brunswick - 8; Nova Scotia - 10; and Prince Edward Island - 1. All these nurseries produced container stock and three of them also produced bareroot stock (Table 1).

Overwintered container seedlings accounted for 79% of the total container stock shipped during 1991; 69% in New Brunswick, 94% in Nova Scotia; and 100% in Prince Edward Island (Tables 1 and 2). The amount of container stock overwintered during 1991/92 was 70.9 million seedlings: 35.5 million in New Brunswick; 31.7 million in Nova Scotia; and 3.7 million in Prince Edward Island (Table 4).

L.J. Lanteigne
T.W. Burns
R.D. Hallett

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Forestry Canada - Maritimes Region

P.O. Box 4000, Fredericton, N.B. E3B 5P7 - P.O. Box 667, Truro, N.S. B2N 5E5 - P.O. Box 190, Charlottetown, P.E.I. C1A 7K2
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Table 1. Shipments of seedlings for the Maritimes by province, agency, and production type, 1991

Province and agency	Seedling Shipment ('000)			
	Overwinter	Current	Bareroot	Total
New Brunswick				
N.B. Natural Resources				
& Energy -Kingsclear	7,956	2,982	780	11,718
- Madran	2,475	2,803		5,278
- Kent	2,753	1,517		4,270
Fraser's Inc.	5,766			5,766
Georgia Pacific Corp.	201	29		230
J.D. Irving Ltd. - Juniper	8,662	4,870		13,532
- Sussex	262	104		366
MacTavish Equipment Ltd.	600	800		1,400
Total - N.B.	28,675	13,105	780	42,560
Nova Scotia				
N.S. Natural Resources				
- Lawrencetown	1,080		1,087	2,167
- Strathlorne	6,072		597	6,669
- Musquodoboit	620			620
- Debert	118			118
Bowater Mersey	612			612
Morrison's Forest Nursery	1,758			1,758
Octa Evergreens Ltd.	4,936	1,415		6,351
Scott Paper Inc.	5,457			5,457
T & D Nursery	186			186
Westenenk's Forest Nursery	1,434			1,434
Total - N.S.	22,273	1,415	1,684	25,372
Prince Edward Island				
J.F. Gaudet Forest Nursery	2,569			2,569
Total - P.E.I.	2,569			2,569
Grand Total	53,517	14,520	2,464	70,501

Table 2. Shipments of seedlings for the Maritimes by species and production type, 1991

Species	Seedling Shipment ('000)			
	Container		Bareroot	Total
	Overwinter	Current		
Black spruce	28,915	8,412	641	37,968
Red spruce	1,990	400	133	2,523
Norway spruce	5,162	1,643	38	6,843
White spruce	6,324	1,789	641	8,754
Sitka spruce	29			29
Blue spruce	30	25		55
Siberian spruce		4		4
Eastern cedar	23	180		203
Balsam fir	441		181	622
Fraser fir	27			27
White fir	6			6
Korean fir	17			17
Austrian pine	79			79
Jack pine	6,358	1,688	287	8,333
Red pine	2,231	326	532	3,089
Scots pine	21			21
White pine	510	48	11	569
Mugho pine	7			7
Eastern larch	1,282	5		1,287
Japanese larch	65			65
Total	53,517	14,520	2,464	70,501

Table 3. Shipments of seedlings for the Maritimes by species and province, 1991

Species	Seedling Shipment ('000)			Total
	New Brunswick	Nova Scotia	Prince Edward	
			Island	
Black spruce	25,224	11,959	785	37,968
Red spruce	147	2,377		2,524
Norway spruce	2,460	4,382		6,842
White spruce	3,949	4,375	430	8,754
Sitka spruce		29		29
Blue spruce	55			55
Siberian spruce	4			4
Eastern cedar	203			203
Balsam fir	159	258	205	622
Fraser fir	25	2		27
White fir	6			6
Korean fir	17			17
Austrian pine	5		74	79
Jack pine	8,164	169		8,333
Red pine	1,377	1,341	371	3,089
Scots pine	15	6		21
White pine	146	136	287	569
Mugho pine	7			7
Eastern larch	597	273	417	1,287
Japanese larch		65		65
Total	42,560	25,372	2,569	70,501

Table 4. Container seedlings overwintered during 1991-92 in the Maritimes by province and agency

Province	Agency	('000)
New Brunswick		
	N.B. Natural Resources & Energy	
	- Kingsclear	9,220
	- Madran	2,964
	- Kent	2,958
	Fraser's Inc.	7,770
	Georgia Pacific Corp.	827
	J.D. Irving Ltd.	
	- Juniper	10,429
	- Sussex	692
	MacTavish Equipment Ltd.	600
Total - N.B.		35,460
Nova Scotia		
	N.S. Natural Resources	
	- Lawrencetown	2,665
	- Strathlorne	11,745
	- Musquodoboit	2,686
	- Debert	55
	Bowater Mersey	645
	Morrison's Forest Nursery	1,689
	Octa Evergreens Ltd.	1,415
	T & D Nursery	182
	Scott Paper Inc.	7,912
	Westenenk's Forest Nursery	2,718
Total - N.S.		31,712
Prince Edward Island		
	J.F. Gaudet Forest Nursery	3,735
Total - P.E.I.		3,735
Grand Total		70,907